

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently amended) A beneficial material for medical application in association with a substrate comprising:

- a support material comprising at least one material chosen from Nasicon, Nafion, ionomers, Cu-Nasicon, Cu-Nafion, Ag-Nasicon, Ag-Nafion, Au-Nasicon, Au-Nafion, I₂-Anion membrane, Br₂-Anion membranes, and combinations thereof;

- a reactive material associated with the support material, ~~said reactive material effective to react with a contaminant;~~

wherein the reactive material is selected from the group comprising water insoluble peroxides and water insoluble excess oxygen containing compounds.

2. (Cancelled).

3. (Original) The beneficial material of claim 1 wherein a substrate may comprise one of the group consisting of: formulations in a paste, putty, epoxy, adhesive, glue, spray or tar form for topical application, wound healing devices, prosthetic devices and other implantable devices.

4. (Original) The beneficial material of claim 1 wherein the water insoluble peroxides comprise one of the group consisting of: MgO₂, BaO₂, SnO₂, AgO, CaO₂, CuO₂ and ZnO₂.

5. (Previously presented) The beneficial material of claim 1 wherein the water insoluble excess oxygen containing compounds comprise one of the group consisting of perovskites of

$\text{La}_2\text{NiO}_{4+\delta}$, $\text{La}_2\text{CuO}_{4+\delta}$, $\text{CeNiO}_{4+\delta}$, and $\text{Ce}_2\text{CuO}_{4+\delta}$.

6. (Currently amended) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal said
substrate comprising at least one material chosen from Nasicon, polymer membranes, ionomers,
Cu-Nasicon, Cu-polymer membrane, Ag-Nasicon, Ag-polymer membranes, Au-Nasicon, Au-
polymer membranes, I₂-Anion membrane, Br₂-Anion membranes, and combinations thereof; and
- a reactive material associated with the substrate, ~~said reactive material effective to react~~
~~with a contaminant,~~ and wherein the reactive material is selected from the group comprising
comprises water insoluble peroxides and water insoluble excess oxygen containing compounds.

7. (Original) The wound healing device of claim 6 wherein the substrate comprises one of a woven pad and a gauze pad.

8. (Currently amended) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;
- providing the beneficial material; and
- mixing the beneficial material within the substrate, wherein the beneficial material is
~~effective to react with a contaminant and wherein the beneficial agent is~~ insoluble selected from
the group comprising water insoluble peroxides and water insoluble excess oxygen containing
compounds.

9. (Original) The method of claim 8 further comprising the step of granulating the beneficial material.

10. (Original) The method of claim 9 wherein the substrate may comprise one of the group consisting of paint, epoxy, adhesive, glue and tar.

11-14 (Cancelled).

15. (Currently amended) A beneficial material for medical application in association with a substrate comprising:

- a support material; and
- a water insoluble reactive material associated with the support material,

wherein the reactive material comprises at least one ~~water insoluble~~ peroxide chosen from MgO_2 , BaO_2 , SnO_2 , AgO , CaO_2 , CuO_2 and ZnO_2 .

16. (Previously presented) A beneficial material for medical application in association with a substrate comprising:

- a support material; and
- a reactive material associated with the support material,

wherein the reactive material comprises at least one water insoluble excess oxygen containing compound chosen from perovskites of $\text{La}_2\text{NiO}_{4+\delta}$, $\text{La}_2\text{CuO}_{4+\delta}$, $\text{CeNiO}_{4+\delta}$, and $\text{Ce}_2\text{CuO}_{4+\delta}$.

17. (Currently amended) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal; and
- a water insoluble reactive material associated with the substrate, wherein the reactive

material comprises at least one ~~water-insoluble~~ peroxide chosen from MgO_2 , BaO_2 , SnO_2 , AgO , CaO_2 , CuO_2 and ZnO_2 .

18. (Previously presented) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal; and
- a reactive material associated with the substrate, wherein the reactive material

comprises at least one water insoluble excess oxygen containing compound chosen from perovskites of $\text{La}_2\text{NiO}_{4+\delta}$, $\text{La}_2\text{CuO}_{4+\delta}$, $\text{CeNiO}_{4+\delta}$, and $\text{Ce}_2\text{CuO}_{4+\delta}$.

19. (Currently amended) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;
- providing the beneficial material; and
- mixing the beneficial material within the substrate, wherein the beneficial material is

water insoluble and comprises at least one ~~water-insoluble~~ peroxide chosen from MgO_2 , BaO_2 , SnO_2 , AgO , CaO_2 , CuO_2 and ZnO_2 .

20. (Previously presented) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;
- providing the beneficial material; and
- mixing the beneficial material within the substrate, wherein the beneficial material

comprises at least one water insoluble excess oxygen containing compound chosen from

perovskites of $\text{La}_2\text{NiO}_{4+\delta}$, $\text{La}_2\text{CuO}_{4+\delta}$, $\text{CeNiO}_{4+\delta}$, and $\text{Ce}_2\text{CuO}_{4+\delta}$.